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1600

RAW SEQUENCE LISTING

DATE: 07/29/2003

PATENT APPLICATION: US/09/622,104

TIME: 14:54:14

Input Set : A:\18528.038.SeqList.txt

Output Set: N:\CRF4\07292003\I622104.raw

3 <110> APPLICANT: Nigel R.A. Beeley
 4 Kathryn S. Prickett
 5 Kevin Beaumont
 7 <120> TITLE OF INVENTION: NOVEL MIXED AMYLIN ACTIVITY COMPOUNDS
 9 <130> FILE REFERENCE: 18528.038 / 256/153 US
 11 <140> CURRENT APPLICATION NUMBER: 09/622,104
 12 <141> CURRENT FILING DATE: 2001-07-17
 14 <150> PRIOR APPLICATION NUMBER: PCT/US99/02603
 15 <151> PRIOR FILING DATE: 1999-02-05
 17 <150> PRIOR APPLICATION NUMBER: 60/074,746
 18 <151> PRIOR FILING DATE: 1998-02-13
 20 <160> NUMBER OF SEQ ID NOS: 32
 22 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 29
 26 <212> TYPE: PRT
 27 <213> ORGANISM: Artificial Sequence
 29 <220> FEATURE:
 30 <223> OTHER INFORMATION: Synthetic peptides
 32 <400> SEQUENCE: 1
 34 Leu Ser Thr Cys Val Leu Gly Arg Leu Ser Gln Glu Leu His Arg
 35 1 5 10 15
 36 Leu Gln Thr Tyr Pro Arg Thr Asn Thr Gly Ser Asn Thr Tyr
 37 20 25
 40 <210> SEQ ID NO: 2
 41 <211> LENGTH: 29
 42 <212> TYPE: PRT
 43 <213> ORGANISM: Artificial Sequence
 45 <220> FEATURE:
 46 <223> OTHER INFORMATION: Synthetic peptides
 48 <220> FEATURE:
 49 <221> NAME/KEY: Amidation
 50 <222> LOCATION: (1)
 51 <223> OTHER INFORMATION: Xaa stands for 4-methylpentanoyl
 53 <220> FEATURE:
 54 <221> NAME/KEY: Amidation
 55 <222> LOCATION: (7 and 14)
 56 <223> OTHER INFORMATION: Xaa stands for Aib
 58 <400> SEQUENCE: 2
 W--> 60 Xaa Ser Thr Ala Val Leu Xaa Lys Leu Ser Gln Glu Leu Xaa Lys
 61 1 5 10 15
 62 Leu Gln Thr Tyr Pro Arg Thr Asn Thr Gly Ser Gly Thr Pro
 63 20 25

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Input Set : A:\18528.038.SeqList.txt

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66 <210> SEQ ID NO: 3
 67 <211> LENGTH: 30
 68 <212> TYPE: PRT
 69 <213> ORGANISM: Artificial Sequence
 71 <220> FEATURE:
 72 <223> OTHER INFORMATION: Synthetic peptides
 74 <220> FEATURE:
 75 <221> NAME/KEY: Amidation
 76 <222> LOCATION: (1)
 77 <223> OTHER INFORMATION: Xaa stands for Acetylation
 79 <400> SEQUENCE: 3

W--> 81 Xaa Leu Ser Thr Ser Val Leu Gly Arg Leu Ser Gln Glu Leu His
 82 1 5 10 15
 83 Arg Leu Gln Thr Tyr Pro Arg Thr Asn Thr Gly Ser Asn Thr Tyr
 84 20 25 30

87 <210> SEQ ID NO: 4
 88 <211> LENGTH: 29
 89 <212> TYPE: PRT
 90 <213> ORGANISM: Artificial Sequence
 92 <220> FEATURE:
 93 <223> OTHER INFORMATION: Synthetic peptides
 95 <400> SEQUENCE: 4

97 Leu Ser Thr Ala Val Leu Gly Arg Leu Ser Gln Glu Leu His Arg
 98 1 5 10 15
 99 Leu Gln Thr Tyr Pro Arg Thr Asn Thr Gly Ser Asn Thr Tyr
 100 20 25

103 <210> SEQ ID NO: 5
 104 <211> LENGTH: 29
 105 <212> TYPE: PRT
 106 <213> ORGANISM: Artificial Sequence
 108 <220> FEATURE:
 109 <223> OTHER INFORMATION: Synthetic peptides
 111 <400> SEQUENCE: 5

112 Leu Ser Thr Ser Val Leu Gly Arg Leu Ser Gln Glu Leu His Arg
 113 1 5 10 15
 114 Leu Gln Thr Tyr Pro Arg Thr Asn Thr Gly Ser Asn Thr Tyr
 115 20 25

118 <210> SEQ ID NO: 6
 119 <211> LENGTH: 30
 120 <212> TYPE: PRT
 121 <213> ORGANISM: Artificial Sequence
 123 <220> FEATURE:
 124 <223> OTHER INFORMATION: Synthetic peptides
 126 <220> FEATURE:

127 <221> NAME/KEY: Amidation
 128 <222> LOCATION: (1)
 129 <223> OTHER INFORMATION: Xaa stands for Acetylation
 131 <400> SEQUENCE: 6

W--> 132 Xaa Leu Ser Thr Ala Val Leu Gly Arg Leu Ser Gln Glu Leu His

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133 1 5 10 15
134 Arg Leu Gln Thr Tyr Pro Arg Thr Asn Thr Gly Ser Asn Thr Tyr
135 20 25 30
138 <210> SEQ ID NO: 7
139 <211> LENGTH: 30
140 <212> TYPE: PRT
141 <213> ORGANISM: Artificial Sequence
143 <220> FEATURE:
144 <223> OTHER INFORMATION: Synthetic peptides
146 <220> FEATURE:
147 <221> NAME/KEY: Amidation
148 <222> LOCATION: (1 )
149 <223> OTHER INFORMATION: Xaa stands for Acetylation
151 <400> SEQUENCE: 7
W--> 153 Xaa Leu Ser Thr Cys Val Leu Gly Arg Leu Ser Gln Glu Leu His
154 1 5 10 15
155 Arg Leu Gln Thr Tyr Pro Arg Thr Asn Thr Gly Ser Asn Thr Tyr
156 20 25 30
159 <210> SEQ ID NO: 8
160 <211> LENGTH: 25
161 <212> TYPE: PRT
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Synthetic peptides
167 <220> FEATURE:
168 <221> NAME/KEY: Amidation
169 <222> LOCATION: (3 and 10 )
170 <223> OTHER INFORMATION: Xaa stands for Acetylation
172 <400> SEQUENCE: 8
W--> 174 Val Leu Xaa Lys Leu Ser Gln Glu Leu Xaa Lys Leu Gln Thr Tyr
175 1 5 10 15
176 Pro Arg Thr Asn Thr Gly Ser Asn Thr Tyr
177 20 25
180 <210> SEQ ID NO: 9
181 <211> LENGTH: 26
182 <212> TYPE: PRT
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Synthetic peptides
188 <220> FEATURE:
189 <221> NAME/KEY: Amidation
190 <222> LOCATION: (1 )
191 <223> OTHER INFORMATION: Xaa stands for Acetylation
193 <220> FEATURE:
194 <221> NAME/KEY: Amidation
195 <222> LOCATION: (4 and 11 )
196 <223> OTHER INFORMATION: Xaa stands for Aib
198 <400> SEQUENCE: 9
W--> 200 Xaa Val Leu Xaa Lys Leu Ser Gln Glu Leu Xaa Lys Leu Gln Thr

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201 1 5 10 15
202 Tyr Pro Arg Thr Asn Thr Gly Ser Asn Thr Tyr
203 20 25
206 <210> SEQ ID NO: 10
207 <211> LENGTH: 29
208 <212> TYPE: PRT
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Synthetic peptides
214 <220> FEATURE:
215 <221> NAME/KEY: Amidation
216 <222> LOCATION: (1)
217 <223> OTHER INFORMATION: Xaa stands for 4-methylpentanoyl
219 <220> FEATURE:
220 <221> NAME/KEY: Amidation
221 <222> LOCATION: (7 and 14)
222 <223> OTHER INFORMATION: Xaa stands for Aib
224 <400> SEQUENCE: 10
W--> 226 Xaa Ser Thr Ala Val Leu Xaa Lys Leu Ser Gln Glu Leu Xaa Lys
227 1 5 10 15
228 Leu Gln Thr Tyr Pro Arg Thr Asn Thr Gly Ser Asn Thr Tyr
229 20 25
232 <210> SEQ ID NO: 11
233 <211> LENGTH: 29
234 <212> TYPE: PRT
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: Synthetic peptides
240 <220> FEATURE:
241 <221> NAME/KEY: Amidation
242 <222> LOCATION: (1)
243 <223> OTHER INFORMATION: Xaa stands for 4-methylpentanoyl
245 <220> FEATURE:
246 <221> NAME/KEY: Amidation
247 <222> LOCATION: (7 and 14)
248 <223> OTHER INFORMATION: Xaa stands for Aib
250 <400> SEQUENCE: 11
W--> 253 Xaa Ser Thr Cys Val Leu Xaa Lys Leu Ser Gln Glu Leu Xaa Lys
254 1 5 10 15
255 Leu Gln Thr Tyr Pro Arg Thr Asn Thr Gly Ser Asn Thr Tyr
256 20 25
259 <210> SEQ ID NO: 12
260 <211> LENGTH: 25
261 <212> TYPE: PRT
262 <213> ORGANISM: Artificial Sequence
264 <220> FEATURE:
265 <223> OTHER INFORMATION: Synthetic peptides
267 <220> FEATURE:
268 <221> NAME/KEY: Amidation

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269 <222> LOCATION: (3 and 10)
 270 <223> OTHER INFORMATION: Xaa stands for Aib
 272 <400> SEQUENCE: 12
 W--> 274 Ala Thr Xaa Lys Leu Ala Asn Glu Leu Xaa Lys Leu Gln Thr Tyr
 275 1 5 10 15
 276 Pro Arg Thr Asn Thr Gly Ser Asn Thr Tyr
 277 20 25
 280 <210> SEQ ID NO: 13
 281 <211> LENGTH: 25
 282 <212> TYPE: PRT
 283 <213> ORGANISM: Artificial Sequence
 285 <220> FEATURE:
 286 <223> OTHER INFORMATION: Synthetic peptides
 288 <220> FEATURE:
 289 <221> NAME/KEY: Amidation
 290 <222> LOCATION: (1)
 291 <223> OTHER INFORMATION: Xaa stands for Acetylation
 293 <220> FEATURE:
 294 <221> NAME/KEY: Amidation
 295 <222> LOCATION: (3 and 10)
 296 <223> OTHER INFORMATION: Xaa stands for Aib
 298 <400> SEQUENCE: 13
 W--> 300 Xaa Thr Xaa Lys Leu Ala Asn Glu Leu Xaa Lys Leu Gln Thr Tyr
 301 1 5 10 15
 302 Pro Arg Thr Asn Thr Gly Ser Asn Thr Tyr
 303 20 25
 306 <210> SEQ ID NO: 14
 307 <211> LENGTH: 29
 308 <212> TYPE: PRT
 309 <213> ORGANISM: Artificial Sequence
 311 <220> FEATURE:
 312 <223> OTHER INFORMATION: Salmon Calcitonin
 314 <400> SEQUENCE: 14
 316 Leu Ser Thr Cys Val Leu Gly Lys Leu Ser Gln Glu Leu His Lys
 317 1 5 10 15
 318 Leu Gln Thr Tyr Pro Arg Thr Asn Thr Gly Ser Gly Thr Pro
 319 20 25
 322 <210> SEQ ID NO: 15
 323 <211> LENGTH: 25
 324 <212> TYPE: PRT
 325 <213> ORGANISM: Artificial Sequence
 327 <220> FEATURE:
 328 <223> OTHER INFORMATION: Salmon Calcitonin
 330 <400> SEQUENCE: 15
 332 Val Leu Gly Lys Leu Ser Gln Glu Leu His Lys Leu Gln Thr Tyr
 333 1 5 10 15
 334 Pro Arg Thr Asn Thr Gly Ser Gly Thr Pro
 335 20 25
 338 <210> SEQ ID NO: 16

RAW SEQUENCE LISTING ERROR SUMMARY

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. 1,7,14
Seq#:3; Xaa Pos. 1
Seq#:6; Xaa Pos. 1
Seq#:7; Xaa Pos. 1
Seq#:8; Xaa Pos. 3,10
Seq#:9; Xaa Pos. 1,4,11
Seq#:10; Xaa Pos. 1,7,14
Seq#:11; Xaa Pos. 1,7,14
Seq#:12; Xaa Pos. 3,10
Seq#:13; Xaa Pos. 1,3,10
Seq#:18; Xaa Pos. 1
Seq#:19; Xaa Pos. 1,15
Seq#:20; Xaa Pos. 1
Seq#:21; Xaa Pos. 1
Seq#:22; Xaa Pos. 1
Seq#:23; Xaa Pos. 1
Seq#:24; Xaa Pos. 1
Seq#:25; Xaa Pos. 1
Seq#:26; Xaa Pos. 1
Seq#:27; Xaa Pos. 1,2,3,5,8,9,18,19
Seq#:28; Xaa Pos. 1,4
Seq#:29; Xaa Pos. 7
Seq#:30; Xaa Pos. 7
Seq#:31; Xaa Pos. 7
Seq#:32; Xaa Pos. 7